

# A GAS HEATER

In the Dining Room this Morning Would Have Made Breakfast a Cheerful Meal

Cold this morning. Not cold enough to go to the trouble of making fires. What you need is a gas heater. A portable one is nice, you can take it wherever you need it most.

Gas heaters don't cost much to run. They're made to give a whole lot of heat by using a very little gas. This kind of weather, when the gas heater is used only in the morning and evening, you would find the cost very small, indeed.

Think what a comfort a gas heater would be in the bed room. No getting up in the cold and being chilled through trying to build a fire. Just turn a valve, strike a match, and there's your fire, and the room will be warm in a few minutes. It is a long time yet till summer time.

There are many kinds of gas heaters. Come and see which you like best.

## El Paso Gas & Electric Co.

Bassett Building.

Telephone 98.

PAY YOUR GAS BILL—SAVE THE DISCOUNT.

## IOWA SENATOR WITH SEVERAL LUMBER YARDS AND NAME LIKE A POSTMASTER

James A. Smith Is Visiting in the City—He Is a Senator and He Once Made a Record Speech.

\* Fate has disguised him under the name of Smith. But his parents tacked on a "James A." and the people up in Iowa have added a "Senator." He has made himself very rich. And so Smith was not a bad starter, after all. Senator James A. Smith—as they write it altogether—is a visitor in El Paso—and his name is the same as El Paso's postmaster, which may cause him to get letters about dairies and cows. He is not making any speeches, nor has he come in a private car, with an automobile following by fast freight. Senator Smith is visiting Rev. B. C. Preston, whom he knew well in Osage.

Now, very few people—especially in this locality—ever heard of Osage, in any way connected with a town. Osage is not very large, but from a political standpoint, oh my! Many great Iowans have sprung up from the bosom of Osage, and senator Smith is one of the greatest. Here is a true story about him to prove it.

It happened about five years ago, and the story never has found its way farther than the mouths of Osage residents, or the columns of the Osage press. They were making a great hullabaloo about tax dodging up in Osage, and there was to be a mass

meeting of indignant citizens in the "copy" house.

Has Lots of Money.

Now, it was rumored about that citizen Smith had turned over to the assessors a statement of his holdings. The story went—and later it was proved true—that the extraordinary man with the ordinary name had declared \$137,000 in money and credit of his lumber holdings—that's how he made his money, in lumber. Now—to come up to date—senator Smith has 35 lumber yards in South Dakota, Minnesota and Iowa, and only last week he presented an Iowa college with a mere matter of \$35,000. But that has nothing to do with the story.

A great multitude of indignant Mitchell county citizens met at the courthouse. There were a number of speakers, each to be allotted 15 minutes. And senator Smith, who had some name as a speaker, was expected to make that 15 minutes look like a mere deep breath.

So, when it came Smith's turn, everybody became very interested—perhaps for the first time. The senator from Iowa arose, cleared his throat, and a number of breaths were held in check. A Very Short Speech.

"I have only four words to say," said citizen Smith, but since many orators fool the patient public that way, nobody believed. But Smith kept his word, he did just as he said he would.

"Thou shalt not steal," quoted the man named Smith, and then he sat down. This speech made the other speeches look like ordinary high school attempts.

But before senator James A. Smith,

of Osage, Ia., leaves the southwest he is going to do a little speaking. He will talk at the Iowa picnic at Los Angeles, Feb. 22.

It is too bad that El Paso cannot hear Mr. Smith speak. But, then, he might hurt somebody's feelings, as he must have done up in Iowa, and that would never do. Would it?

\*\*\*\*\* DRY LAND HORTICULTURE. \*\*\*\*\*

(Continued From Previous Page.)

moisture is escaping from the surface, nothing from down below; another rain comes, fills them up—nature has renewed the mulch.

The critical time is when the spring rains come to an end and the summer showers have not commenced, for a period of drouth often supervenes at this time, and the idea is to thoroughly break up the crust and leave a mellow loam three inches thick to conserve the subsoil moisture until the July or August rains begin.

Cultivating should be commenced as soon as the ground thaws out in the spring and should be finished for the season by cultivating in the leaves about the end of October.

Winter cultivating during a thaw will destroy all the insects that hibernated in the ground.

Cultivating at the blossoming period will raise the temperature of the orchard. During the year 10 to 12 cultivations are usually found necessary. Should the ground accidentally become too hard for the tractor, the disc must be used; this is often the case at the beginning of the season.

INQUIRY IS MADE FOR NELSON Z. COZZENS.

Col. Darwin Owen, commander of the C. A. R. post, has received a letter from W. A. Redmond, of Washington, D. C., making inquiry for Nelson Z. Cozzens, who was a lieutenant in the 16th New York infantry. If the veteran is dead the inquirer desires information regarding his widow or nearest heir. He states that Nelson Z. Cozzens was a former resident of El Paso.

ECZEMA CURED BY IMPERIAL REMEDY.

Who is there that has ever had this terrible disease that would not give anything they possessed to be cured? It matters not how long you have suffered, what you have tried, or if every part of your body is an itching, burning sore, a permanent cure awaits you. Those who have been cured by the use of "Imperial Remedy." Among them are people from every town and village in the south.

The "Imperial Remedy" is applied you feel relieved. This preparation has a pleasant odor, contains no grease or salve and requires no bandages. It is a clean liquid which penetrates the pores, loosens the scabs, tissues and purifies the diseased parts. After the disease has all been driven out the skin is left pure, clear, soft and white, and the trouble will never return again. The price of Imperial Remedy is \$1 per bottle. Your local druggist can get it for you. If he will not, mail us \$1, and we will send you a bottle by express, charges prepaid. Imperial Medicine Co., Houston, Texas.

Vapo-Cresolene (Established 1879)

An Inhalation for Whooping-Cough, Croup, Coughs, Colds, Catarrh, Bronchitis, Diphtheria.

Cresolene is a Boon to Asthmatics. Does it not seem more effective to breathe in a remedy for diseases of the breathing organs than to take the remedy into the stomach?

Cresolene cure breathing air, rendered strongly antiseptic, is carried over the diseased surface with every breath, giving prolonged and constant treatment. It is invaluable to mothers with small children.

For irritated throat there is nothing better than Cresolene Antiseptic Throat Tablets. Send 5c in postage for descriptive booklet. ALL DRUGGISTS. Vapo-Cresolene Co., 180 Fulton Street, New York.

## Southwestern Mining News

### RAY CONSOLIDATED COPPER COMPANY IN ARIZONA

New York Brokers Make a Report on Property and the Output.

Thompson, Towle & Co., of the New York Stock Exchange, make the following report on the Ray-Consolidated Copper company, of Kelvin, Arizona. Officers: Sherwood Aldrich, president; D. C. Jackling, vice president and general manager; E. P. Shove, secretary and treasurer. Directors: Sherwood Aldrich, D. C. Jackling, E. P. Shove, A. Chester Beatty, C. A. MacNeill, Seely W. Mudd, Spencer Penrose, Charles Hayden. Executive committee: D. C. Jackling, chairman; A. Chester Beatty, Seely W. Mudd.

The authorized and issued capital is \$10,000,000 in 1,000,000 shares, part \$10. The few bonds, which have not yet been converted and are still outstanding, are included in the above capitalization. The cash on hand is approximately \$4,000,000.

**Location and Area.** The Ray Consolidated Copper company's property may be classed as one of the largest of the low grade, so-called porphyry copper mines in the United States. Although the property is not producing, it has long since passed out of the prospective stage and has at the present time more than 40,000 tons of ore in the developed reserves.

The property, which comprises about 1000 acres of mining ground, is situated at Ray, Arizona. The mine is connected with the town of Kelvin, a station on the Southern Pacific R. R. by the company's broad gauge railway, six miles in length.

**Geology.** The ground of the Ray Consolidated is so located as to cover practically the entire width of a belt of altered schist and granite porphyry. The total length of the mineralized area along its strike is approximately 2 1/2 miles. At its western boundary, which adjoins the Gila Copper Co., it is over a mile in width. The ore occurs as chalcocite finally disseminated or in seams interlacing through the schist. The leached zone varies from 70 to 400 feet deep and extends to a depth of 1500 feet. The average 2.25 percent copper and extend to an average depth of 113 feet.

**Development.** The present company began active development about two years ago. The property, which at that time the workings have been greatly extended, shafts sunk and a vigorous drilling campaign inaugurated which has resulted in developing enormous ore reserves.

It has been decided by the management to erect its own smelter, which will be located about a quarter of a mile from the concentrator. This plant will be sufficient to handle the concentrates from the mill.

A main two-compartment working shaft has been sunk and is being equipped with electric hoists capable of lifting 6000 tons in 15 hours. This shaft is to be used solely for the hoisting of ore, an inclined shaft on an easy grade having been driven for the purpose of handling men and supplies.

On coming from the mine the ore will be crushed and stored in 30,000 ton steel bins, now under construction, and then dumped directly into broad gauge cars for transportation to the mill.

The ore bodies, which are not adaptable to steam shovel mining owing to the thickness of the overburden, will be worked underground by the top slice caving method.

Drilling: The Ray Consolidated property has a large amount of well located virgin territory. Eight drills are now in operation at the mine further proving up the known ore bodies and prospecting the new ground. By this drilling and the underground method of development two or three million tons of ore are added to the reserves monthly. The drilling is carried on in a most systematic manner, the holes being put down in connection with the method to know the thickness of the underground workings have been driven along the drill holes and actual samples taken and that these check the drill samples with great accuracy.

**Ore Reserves:** The total amount of ore in the reserve is 1,109,000 tons, amounting to 41,502,871 tons, averaging 2.25 percent copper, of which the following is a summary: Total tons—41,502,871. Average percent copper—2.25. Average thickness of the ore—112.5 feet.

It is important to note that the limits of the ore have not yet been determined in any of the groups and that the total reserve of commercial ore is being continually increased. In addition to the 41,502,871 tons of developed ore there is a large tonnage of probable ore of which no estimate is made by the management.

During the past six months development work has been confined principally to changing the probable ore into actual tonnage in sight. For example: In the early summer there were some 20 million tons of developed ore and 18 million tons of probable ore. This latter tonnage has now been sufficiently opened up to be classed as fully developed ore.

**Equipment.** The present milling equipment consists of a 200 ton plant located at Kelvin on the banks of the Gila river. As this plant is insufficient to handle the desired tonnage, it has been decided to erect a new steel concentrator with an initial capacity of 5000 tons per day and to add more units as the development of ore proceeds. The new mill will be located on the Gila river at Winkelman, 14 miles from Kelvin, which is on the main line of the Southern Pacific, with which the company, the Ray Consolidated, has a low freight rate. It is stated that the cost of transporting

### NEW SILVER MINES ARE DISCOVERED IN EL PASO COUNTY; TOWN STARTED

Many Tie Cabins and Tents at Lasca, West of Sierra Blanca—Miners Are Entering Field.

Lasca Station, El Paso County, Tex., Feb. 5.—John C. Gilcrease is laying out a townsite on the 640 acres which he and his wife are homesteading at Lasca, a pumping station on the joint track of the G. H. & S. A. and the T. & P. railroads, 10 miles west of Sierra Blanca. The county surveyor and a corps of assistants are establishing corners and surveying the property.

The new townsite is near the northern slope of the Quitman mountains, and the town will be an important shipping and supply point for the mines in that range. Nearly all the lands around here are being homesteaded, and the cabins and tents are visible in every direction. Dry farming is revolutionizing this heretofore dry country. The experiments around Sierra Blanca have demonstrated its success.

**To Work Silver Mine.** John Moffet, a mining man, who is known throughout New Mexico, arrived here yesterday with camp outfit and mining supplies, to begin work on a rich placer mine four miles south of here. The property belongs to Thomas O'Keefe, of El Paso, and is in the foothills of the Quitman mountains. Work will be inaugurated on a fissure vein near a lime porphyry contact. The vein is composed of quartz and carries extremely high values in silver in the form of chlorides.

A party of capitalists from Baltimore, Md., accompanied by Prof. W. Phillips, Texas geologist, of Austin, have been inspecting their mining claims, known as the Black Kettle group, which they purchased some years ago. These are copper mines, on which the owners have expended over \$20,000 in development, hoisting works

and other improvements. On the result of this expert examination will be determined what operations, if any, will be prosecuted.

The party also inspected the old Bonanza zinc and lead mine, owned by the Dallas Mining company, on which there is a substantial concentrating and separating mill. A visit was also made to the Little Lightning copper mine, which has the record of having recently shipped several cars of high grade copper sulphides to the smelter. There is said to be large bodies of complex lead-zinc sulphides in the Bonanza. So far, the dry separator experiments have not proved very successful, due to inexperienced men in charge, rather than to the fault of the mill. It is said that the company will start operations again under new management in the near future. These properties are only a short distance from Lasca.

**Gilcrease Locates Claims.** John Gilcrease began work this morning on some newly located claims, three miles northwest of here, with a force of men under T. D. McKinney, superintendent, in Malone foothills, opening up a large body of silver ore. These properties are only 300 yards from the railroad and the miners can be seen at work from the car windows. Assays indicate that the ore runs about 50 ounces silver per ton. The ore deposits are apparently in blankets of undetermined thickness, following the bedding planes of the limestone. The matrix is a soft, white siliceous material, and can be mined by pick and shovel. The immediacy of the deposit and proximity to railway warrant the expectation that large shipments will begin soon.

This discovery is one of the most remarkable ever made in this vicinity, as it is on ground traveled over for 25 years by thousands of people who never suspected the presence of rich silver under their feet, thus adding another proof that the latent mineral wealth of El Paso has barely been scratched.

### RICH ORE SHIPPED FROM FORTUNA MINE

St. Paul Man Says El Paso Will Be the Denver of the Future.

J. W. Shepard, of St. Paul, Minn., vice president of the Fortuna and North Tigre mining companies, who has returned from a visit to the mines in Sonora, was at the Sheldon last night and left over the Rock Island for St. Paul today noon. He was busy yesterday at the meeting of the two companies in this city. He is accompanied by Mr. Hilscher of the same place.

Mr. Shepard declares that "there is no doubt that the Tigre proper, the North Tigre, the South Tigre and the Fortuna are the richest of the great system of ore bodies on the immense mother lode, the main Tigre, Setz and Sooy veins running through all of them."

"We have shipped several cars of high grade ore from the Fortuna," said Mr. Shepard. "All the ore we shipped ran over \$100 to the ton and averaged \$2000 to the car. We are working the North Tigre and the Fortuna jointly. About 60 men are at work on the two properties. About 300 feet of development has been done on the North Tigre and we are on ore all the way. There are about 25,000 tons of ore blocked out which will average fully \$20 to the ton."

"The Fortuna has about the same amount of development work done, and is making an excellent showing. There will be an enormous investment in the country south and west of El Paso in the coming years," said Mr. Shepard, "and this city will be the Denver of the future with a hundred times greater advantages, for you have an empire tributary and at your very doors, and mining companies will make this city the center of operations and source of reliable information. The Herald deserves the thanks of all mining men for its enterprise in furnishing the latest news on mining and its news is being not only read in the east but being reprinted by the press of St. Paul and the east."

### C. & A. COMPANY NOT IN MERGER

Globe Men Are So Advised From Calumet—Notes of Globe Camp.

Globe, Ariz., Feb. 5.—Globe men have received word here to the effect that the Calumet & Arizona mining company has declined to enter into the gigantic merger. The following is a telegram received here:

Calumet, Mich.—Calumet & Arizona will not be included in the merger now being formed. That statement was made by a director of the company in a speech which left no room for question. Control of the Calumet & Arizona is right here in Houghton county, so that if it came to a point where shareholders were asked for their opinion on the subject there is no doubt that it would be vetoed without the slightest hesitation. Locally the shareholders of Calumet & Arizona are much taken into the company being taken into the deal on the terms generally understood. Otto Sussman, consulting engineer of the American Metals company, left recently for Ray, where he will inspect the large mines of that district. He expects to return to Globe within a few days.

**Hefte Group Said.** The Hefte group of claims, nine miles from Globe, has been sold to Herman Britton and C. Dunstan of Calumet, Mich. A new company is soon to be incorporated to develop the property. There are 12 claims in the group. About 400 feet of tunnel has been driven already and it is the intention of the new owners to sink a



It is just as important for your daughter to begin practicing on a GOOD PIANO as it is to begin reading good books.

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**Estey**  
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200 foot shaft on the Stonewall claim at once.

The Globe Bureau of Mines was incorporated at a meeting of the stockholders. The following officers were elected: President, A. L. Ladd; vice president, C. W. Van Dyke; secretary and treasurer, Joseph Chisholm, all of whom constitute the board of directors.

### ORE UNCOVERED IN THE ORGANS

Camp Is Active and Working Forces Will Be Increased.

C. N. Anthony, consulting engineer of the Grace-Dona-Rose Mining company, operating gold mines in the Mineral Hill, an eastern spur of the Organ, in what was formerly called the Black Mountain gold camp, was at the Sheldon last night and says that the old camp is becoming very lively and that large capital is operating there now.

The Grace-Dona-Rose has completed a 70 foot shaft in one part of the vein and a 60 foot shaft on another place, working a force of eight men, which will now be largely increased. The company is composed of East Chicago people. The pay streak of the vein is 15 inches wide and the ore averages \$18 gold per ton, and is of a character suitable for cyanidation. The vein is a fissure in granite. Both shafts are being timbered and will soon be ready for the increased operation contemplated.

The Dona-Dora people expect, inside of three months, to install a 20 ton cyanide mill, and George Courtney has just arrived from Cincinnati and is in charge of the company's business. This company has 400 feet of ore blocked out averaging \$12 a ton in free milling gold, and has a tunnel 1500 feet long in Mineral Hill.

C. E. Rose is trying to reorganize the old Mormon company with a view to operating on a large scale.

The Smith Bros., of El Paso, are working their rich silver mine in the Quartzite camp a few miles northwest of the gold camp and have accomplished an immense amount of work unaided by outside capital. They have just opened up a new rich vein that is creating considerable excitement.

ADS BY PHONE.

Call Bell 115, Auto 1115, tell what you wish to buy, sell or rent and The Herald will do the rest.

### Don't Get Run Down

Weak and miserable. If you have Kidney or Bladder trouble, Dull head pains, Dizziness, Nervousness, Pains in the back, and feel tired all over, get a package of Mother Gray's AUSTRALIAN-LEAF, the pleasant herb cure. It never fails. We have many testimonials from grateful people who have used this wonderful remedy. As a regulator it works equal. Ask for Mother Gray's Australian-Leaf at Druggists or sent by mail for 50 cts. Sample FREE. Address, The Mother Gray Co., LeRoy, N. Y.

### Don't Let Another Day Pass Without Attending the

**Closing Out Sale**  
of all

**Shelf and Builder's Hardware**  
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**Cost Less**  
Hundreds of Good Bargains Left.

**Gus Momsen**  
110 S. Oregon St.

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EL PASO, TEXAS

Offices In New Building

The floor plans of the modern fireproof building of the American National Bank are now ready and offices may now be reserved by making application at the bank.

**The American National Bank**  
OF EL PASO

Capital and Surplus \$240,000.00.

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OIL BURNING LOCOMOTIVES

Avoid the Cold North  
Take The  
**Sunset Route**  
Through the Sunny South  
—TO—  
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